

Converting Colors

Hex(3A5F27)

Have a look what the booklet for
Hex(3A5F27) contains.

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Color

Hex(3A5F27)

Conversions

Conversions Part 1

Format	Color
Hex	3A5F27
RGB	58, 95, 39
RGB Percent	23%, 37%, 15%
CMY	0.7725, 0.6275, 0.8471
CMYK	0.39, 0.00, 0.59, 0.63
HSL	100°, 42%, 26%
HSV	100°, 59%, 37%
XYZ	6.2033, 9.2304, 3.3742
YIQ	77.5530, -4.0760, -25.2600

Conversions

Conversions Part 2

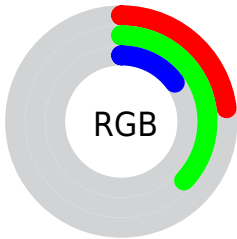
Format	Color
R_{YB}	39, 95, 76
Decimal	3825447
CIE _{Lab}	36.42, -24.66, 27.57
CIE _{LCh}	36, 36.984, 131.810
Yxy	9.2304, 0.3298, 0.4908
Android (android.graphics.Color)	4282015527 (0xFF3A5F27)
YUV	77.5530, -19.0066, -17.1480
Hunter-Lab	30.3816, -16.7216, 14.6825

Details

The Hex color **3A5F27** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C275F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6C9256**, and **0C3000** is the 20% darker color. If you saturate the color by 10%, you get **345F1D**, and if you desaturate by 10%, it is **405F31**.

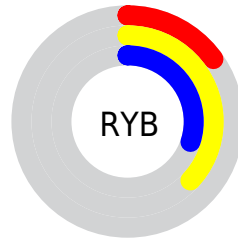
Distribution



Red (23%)

Green (37%)

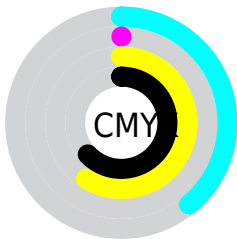
Blue (15%)



Red (15%)

Yellow (37%)

Blue (30%)

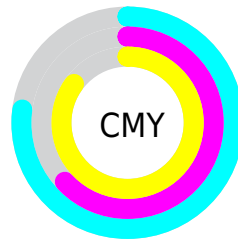


Cyan (39%)

Magenta (0%)

Yellow (59%)

Black (63%)



Cyan (77%)

Magenta (63%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A5F27 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3A5F27 by changing the saturation by 10% instead.

 3A5F27

 3A5F27

FFFFFF

 224710

 6C9256

 0C3000

 86AC6F

 001D00

 A0C889

 000000

 BCE4A3

 D8FFBE

 F5FFDA

 FFFFF7

 3A5F27

 3A5F27

■ 345F1D

■ 405F31

■ 2D5F14

■ 475F3A

■ 275F0B

■ 4D5F44

■ 215F01

■ 535F4D

■ 205F00

■ 595F57

■ 605F60

■ 665F6A

■ 6C5F73

■ 725F7D

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5B5817



3A5F27



006342

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A5F27



005E8E



8C3B4B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3A5F27



4C275F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



823E69



3A5F27



345590

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3A5F27



00637D



674982



87422F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3A5F27



006457



674982



8B3B55

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3A5F27



6C7A64



5F4B27



343D30



BDBDBD



3D3D3D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3A5F27



417A23



275F2F



2D302C



267000



51F000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4C275F



5D237A



5F2757



2F2C30



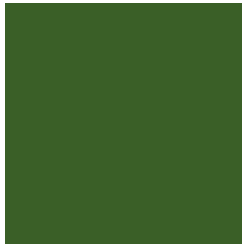
4A0070



9E00F0

Previews

White Background



This preview shows how the Hex color 3A5F27 looks on a white background.

Color Contrast Check

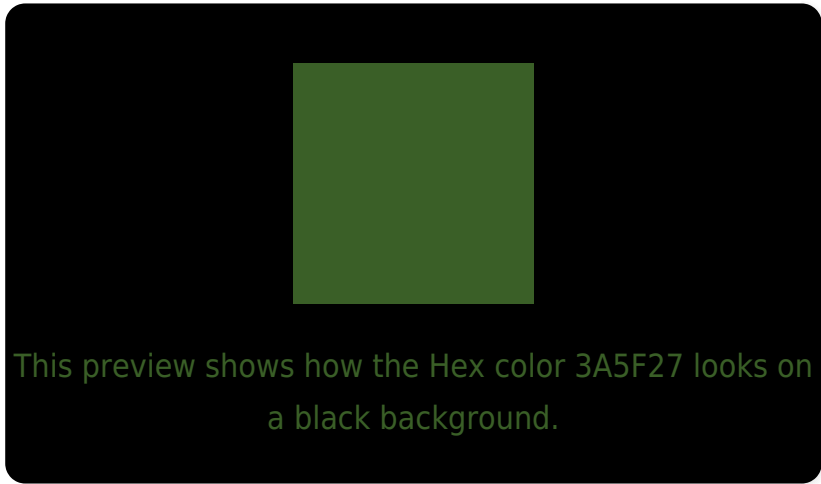
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

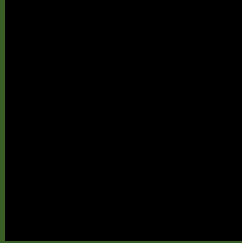
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3A5F27 Background



This preview shows how black text looks on a background with the Hex color 3A5F27.



This preview shows how white text looks on a background with the Hex color 3A5F27.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
3A5F27

Protanopia
5F5624

Deuteranopia
69512B



Tritanopia
435960

Trichromacy



Original Color
3A5F27

Protanomaly
525925

Deuteranomaly
58562A

Tritanomaly
405B4B

Monochromacy



Original Color
3A5F27

Achromatopsia
4E4E4E

Achromatomaly
475440

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A5F27 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3A5F27 looks like.

```
.text, #text, p{  
    color:#3A5F27  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3A5F27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5F27
}
```

Border

The CSS property to change the border of an element to Hex 3A5F27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A5F27 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3A5F27 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3A5F27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5F27; -webkit-box-shadow:4px 4px  
4px 4px #3A5F27; box-shadow:4px 4px 4px  
4px #3A5F27 }
```

Background

The CSS property to change the background color of an element to Hex 3A5F27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5F27 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3A5F27 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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